

FIG. 1

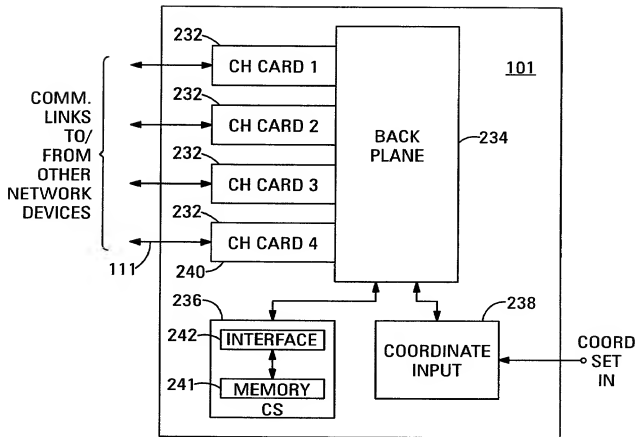


FIG.2

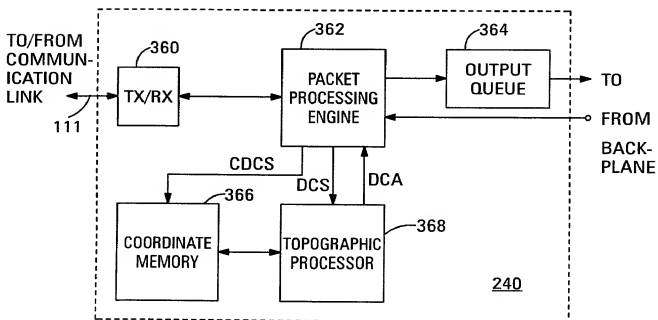


FIG.3

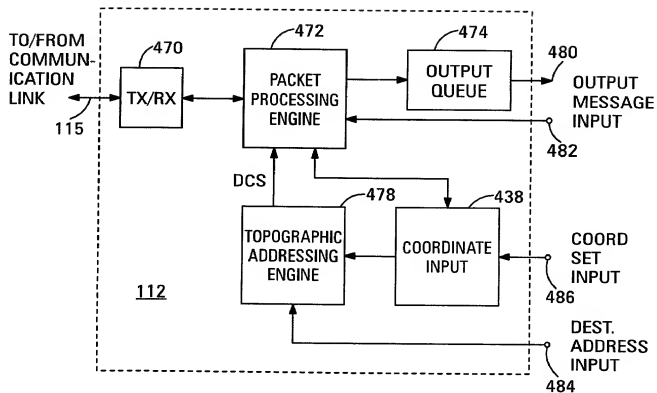


FIG.4

PROVIDE NETWORK INCLUDING TOPOGRAPHIC NETWORK DEVICES AND COMMUNICATION LINKS INTERCONNECTING THE TOPOGRAPHIC NETWORK DEVICES. TOPOGRAPHIC NETWORK DEVICES EACH HAVE A PHYSICAL LOCATION REPRESENTED BY A TOPOGRAPHIC COORDINATE SET

501

FOR EACH OF THE TOPOGRAPHIC NETWORK DEVICES:

500

ASSIGN TO THE TOPOGRAPHIC NETWORK DEVICE A NETWORK ADDRESS THAT INCLUDES TOPOGRAPHIC COORDINATE SET OF TOPOGRAPHIC NETWORK DEVICE

502

503

TRANSMIT TOPOGRAPHIC COORDINATE SET OF THE TOPOGRAPHIC NETWORK DEVICE TO THE TOPOGRAPHIC NETWORK DEVICES DIRECTLY CONNECTED IT

505

RECEIVE AND STORE TOPOGRAPHIC COORDINATE SET AT AT LEAST ONE OF THE TOPOGRAPHIC NETWORK DEVICES DIRECTLY CONNECTED TO THE TOPOGRAPHIC NETWORK DEVICE

507

FIG. 5A

TRANSMIT, IN RESPONSE TO RECEIVING TOPOGRAPHIC COORDINATE SET, A TOPOGRAPHIC COORDINATE SET FROM EACH OF THE AT LEAST ONE OF THE TOPOGRAPHIC NETWORK DEVICES

509

RECEIVE AND STORE THE TOPOGRAPHIC COORDINATE SET FROM EACH OF THE AT LEAST ONE OF THE TOPOGRAPHIC NETWORK DEVICES AT THE TOPOGRAPHIC NETWORK DEVICE AS A RESPECTIVE CONNECTED DEVICE COORDINATE SET

511

FIG. 5B

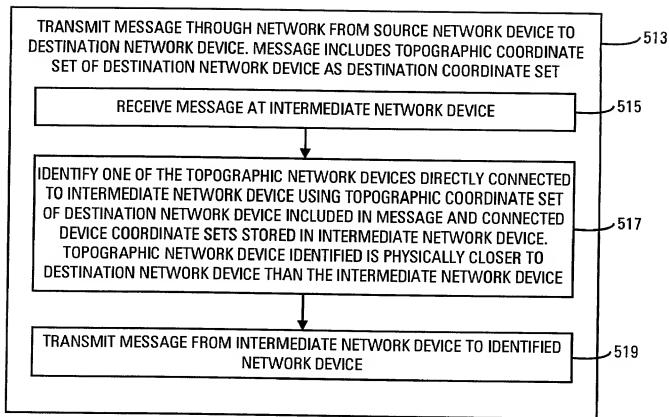


FIG. 5C

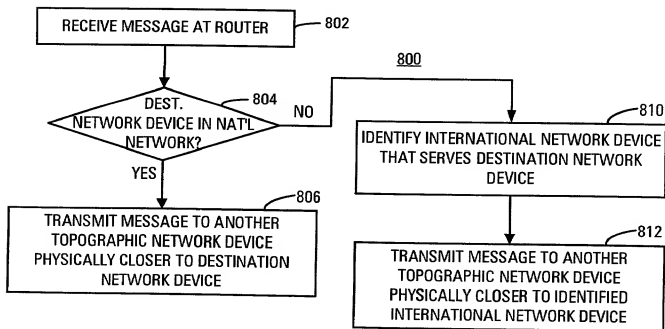


FIG. 8

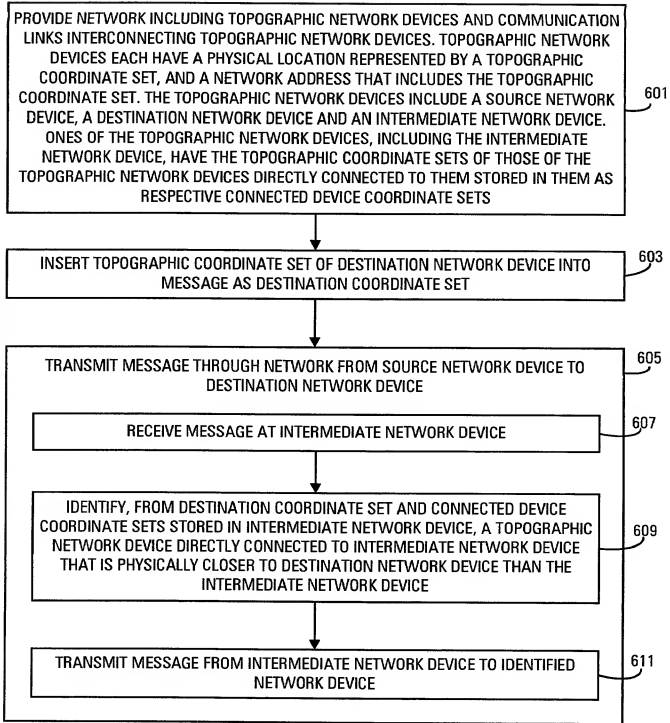


FIG. 6

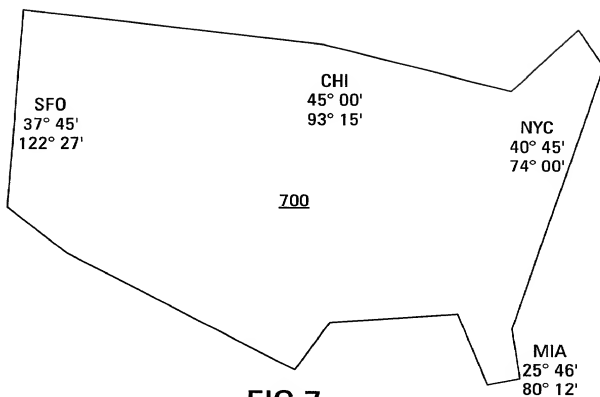


FIG. 7

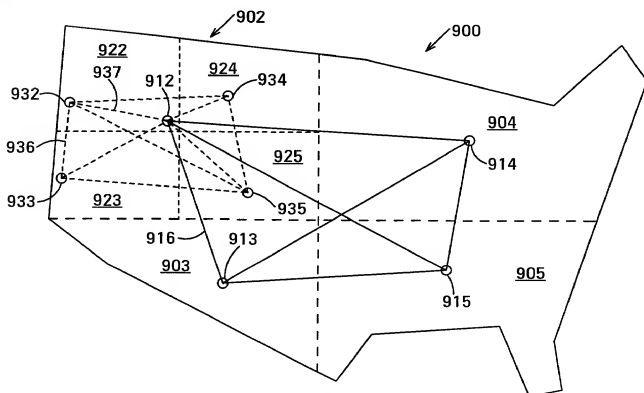


FIG. 9

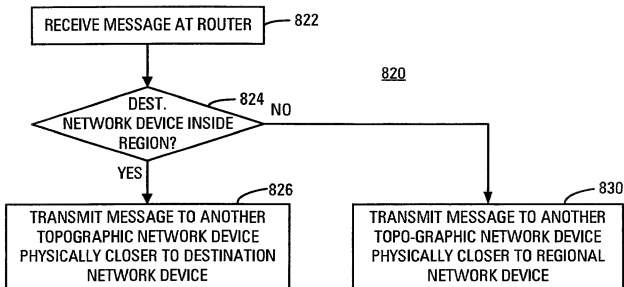


FIG. 10A

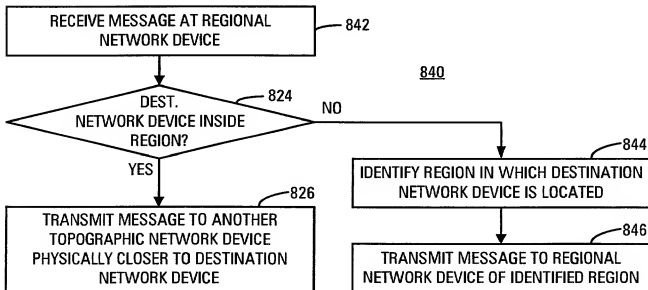


FIG. 10B

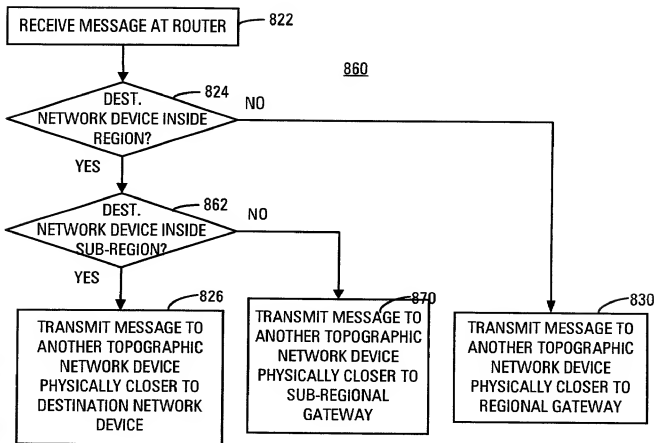


FIG. 10C

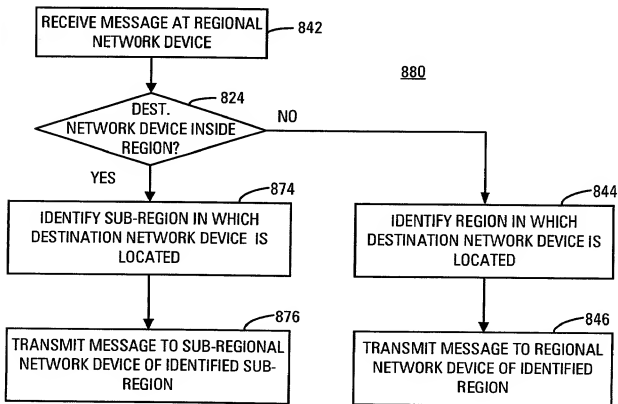


FIG. 10D

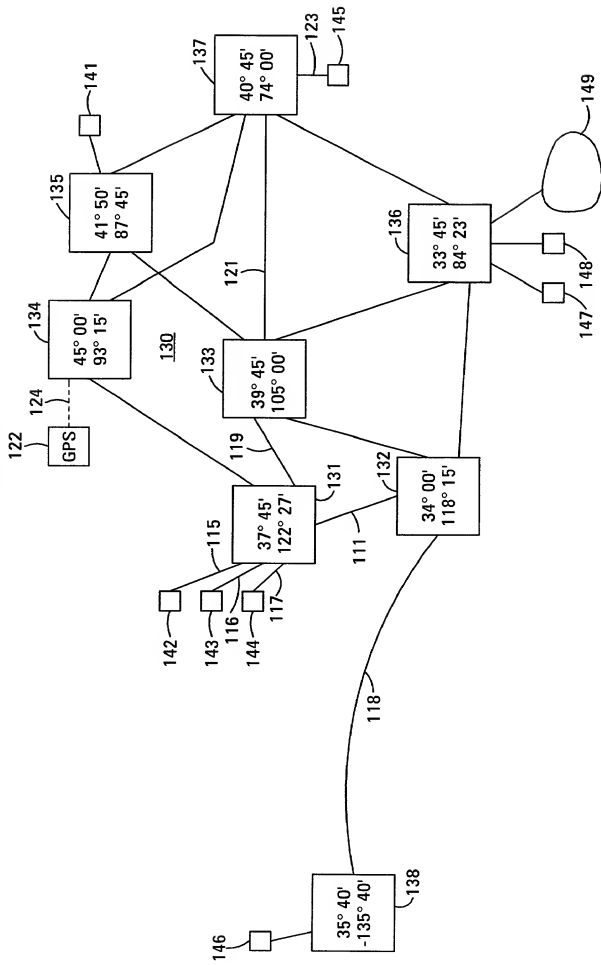


FIG.11

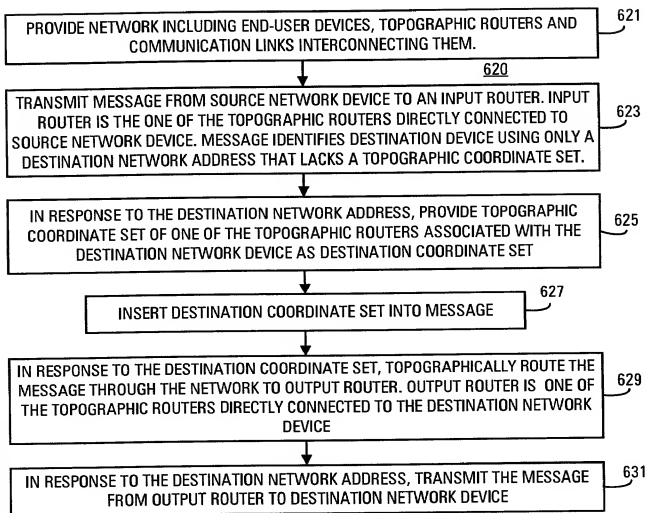


FIG. 12

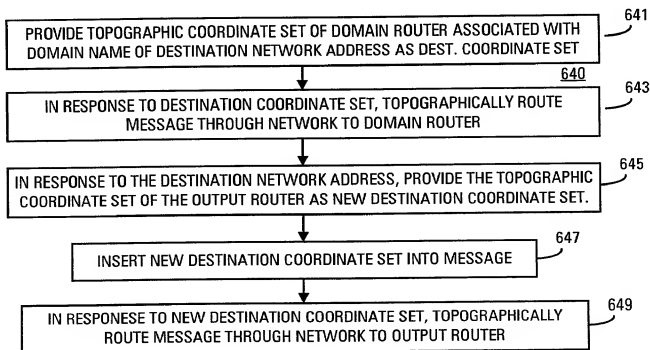


FIG. 13

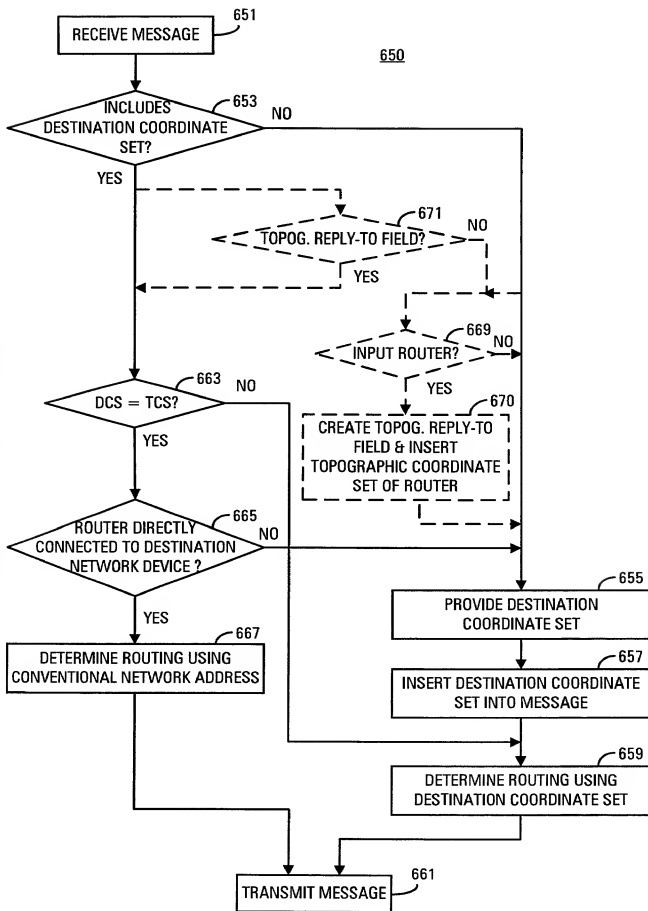


FIG. 14

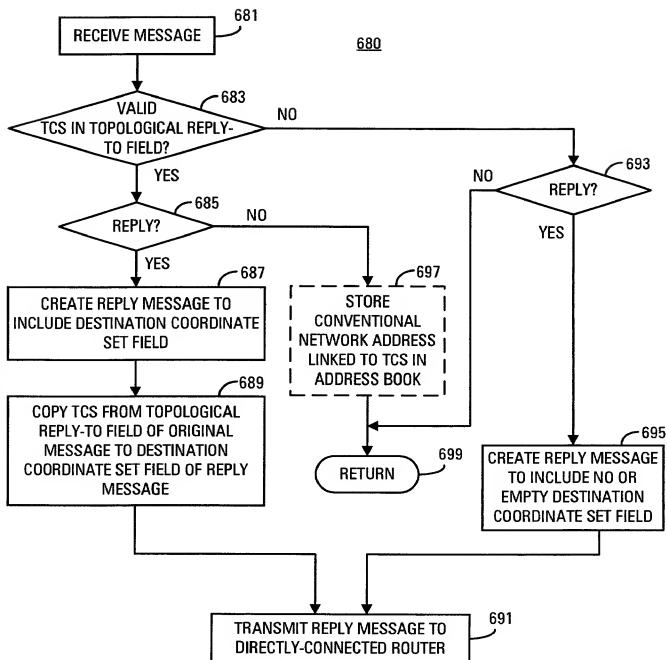


FIG. 15

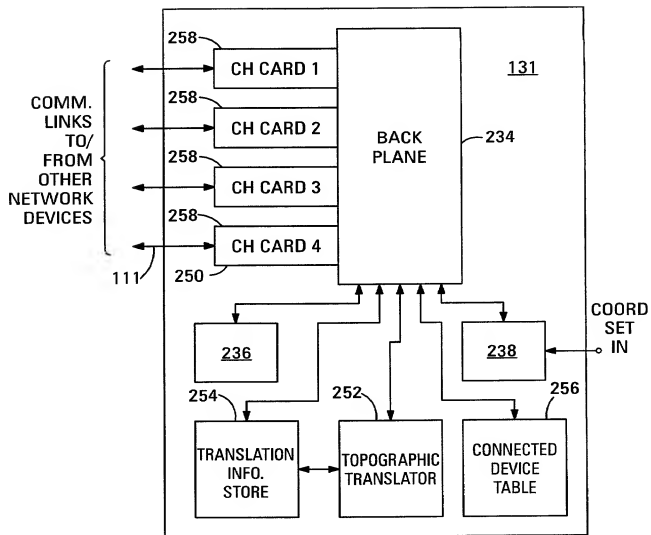


FIG. 16

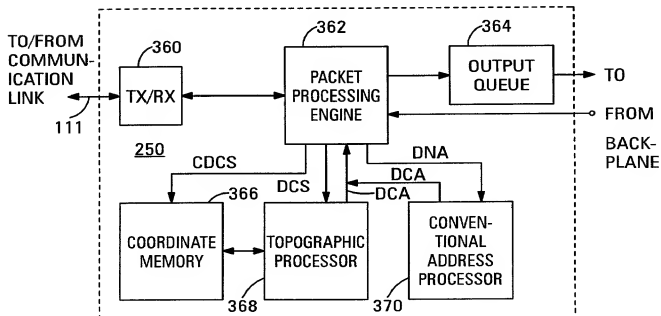


FIG. 17